(d) the length and average width and height of the bunds on either side of the river;

(e) the place or places where the bunds end on either side of the river?

Mr. V. K. Aravindaksha Menon.—(a) All rivers have small bunds along their banks and these used to be put up by interested ryots. The Karuvannur river also had originally such bunds. While these bunds prevented ordinary floods from overtopping them, they freely allowed high floods to pass over them for a few days. Complete protection from such floods was desired by the ryots of Urakam and Government started raising the northern bund. The flood level rose consequently to the detriment of the people living on the southern side. Government then started constructing bunds on that side also.

(b) There is no information available.

(c) The virippu cultivation from Arattupuzha to Inchamudi including Urakam padam.

(d) South bund.	North bund.
Length 10,000'	Length 18,500'
Height between 10' and 5'	Height ranges between 15' and 5'
Top width between 10' and 4'	Top width ranges between 4' and 10'

(e) North bund begins from Arattupuzha and ends in Pottuchira. South bund begins from Karuvannur and ends in Karlam.

400. Mr. C. A. Ouseph.—Will the Government be pleased to state:—

(a) whether the question of lands lower down being affected by floods was considered at the time when the bunds were put up;

(b) which are the areas so affected;

(c) whether the Government have adopted any protective measures for such lower areas; if so, what?

Mr. V. K. Aravindaksha Menon.—(a) The bunds were put up long ago and there is no information forthcoming at this distance of time on the point raised.

(b) Karanchira, Karlam and the adjoining places.

(c) The Chirakkal thodu and the Pazhuvam thodu function to relieve the floods in the areas mentioned above.

401 Mr. C. A. Ouseph.—Will the Government be pleased to state:—

(a) whether Kurumbilavu and adjoining places are included in the regions that would be affected by floods in the Karuvannur river;

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